

correction parameter setting means for setting correction  
5 parameters necessary to correct a brightness of at least one  
image of said plurality of images having a different exposure;

brightness correcting means for correcting the brightness of  
said one image in accordance with said set correction parameters;

image display means for displaying said one image corrected  
10 by said brightness correcting means and the other images of said  
plurality of images; and

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image synthesizing means for converting said one image and  
the other images of said plurality of images to be placed in a  
displaying range of said image display means based on said set  
15 correction parameters so that the images displayed by the image  
display means are displayed with almost the same brightness,  
thereby joining said plurality of images.

3. (Amended) The image processing apparatus according to  
claim 2, wherein said brightness correcting means corrects the  
image by changing the correction parameters in accordance with  
differences in brightness between a plurality of images displayed  
5 by said image display means.

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10. (Amended) The image processing apparatus according to  
claim 3, wherein said brightness correcting means corrects the

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image by changing an exposure ratio between a plurality of images, which is used as said correction parameters, in accordance with differences in brightness between said plurality of images displayed by said image display means.

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14. (Amended) An image processing method comprising:

an image input step of inputting a plurality of images obtained by taking one composition at different exposures;

a correction parameter setting step of setting

5 correction parameters for correcting the brightness of at least one of said plurality of images taken with different exposures;

an image correcting step of correcting the brightness of said at least one image in accordance with the set correction parameters;

10 an image displaying step of displaying at least one of the images corrected in the image correcting step; and

an image synthesizing step of combining said plurality of images corrected in brightness in the image correcting step, into one image to be displayed within a range of

15 the image display step, by inferring an amount of incident light obtained when said composition is input in the image input step, from said plurality of images which have been input and said correction parameters which has been set.

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20. (Amended) The image processing method according to  
claim 14, wherein said image correcting step corrects the image  
by changing an exposure ratio between a plurality of images,  
which is used as said correction parameters, in accordance with  
5 differences in brightness between said plurality of images  
displayed in said image displaying step.

22. (Amended) A recording medium recording computer programs  
for correcting a plurality of images obtained by taking one  
composition with different exposures, to provide an image having  
a desired brightness, said recording medium comprising:

5 an image inputting program for inputting one composition in  
the form of a plurality of images photographed at different  
exposures;

10 a correction parameter setting program for setting  
correction parameters for correcting the brightness of at least  
one of said plurality of photographed images taken at different  
exposures;

an image correcting program for correcting the brightness of  
said at least one image in accordance with the set correction  
parameters;

15 an image displaying program for displaying at least one of  
the images corrected in accordance with the image correcting  
program; and

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25 an image synthesizing program for combining said plurality  
of images corrected in brightness in accordance with said image  
correcting program, into one image to be displayed within a range  
in accordance with said imaging display program, by inferring an  
amount of incident light obtained when said composition is input  
in accordance with said image inputting program, from said  
plurality of images which have been input and said correction  
parameters which have been set.

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28. (Amended) The recording medium according to claim 22,  
wherein said image correcting program is designed to correct the  
image by changing an exposure ratio between a plurality of  
images, which is used as said correction parameters, in  
5 accordance with differences in brightness between said plurality  
of images displayed by using said image displaying program.